

ABSTRACT

The inventions of this application include thermogenic genes named SfUCPa and SfUCPb which are derived from skunk cabbage. cDNA of each gene
5 comprises the base sequence of SEQ ID NO: 1 and 3, respectively. Thermogenic proteins, SfUCPA and SfUCPB, are expressed from genes SfUCPa and SfUCPb, comprises the amino acid sequence of SEQ ID NO: 2 and 4.